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LOCAL FRUIT & VEGETABLE FOR PROCESSING FOR A SUSTAINABLE FUTURE



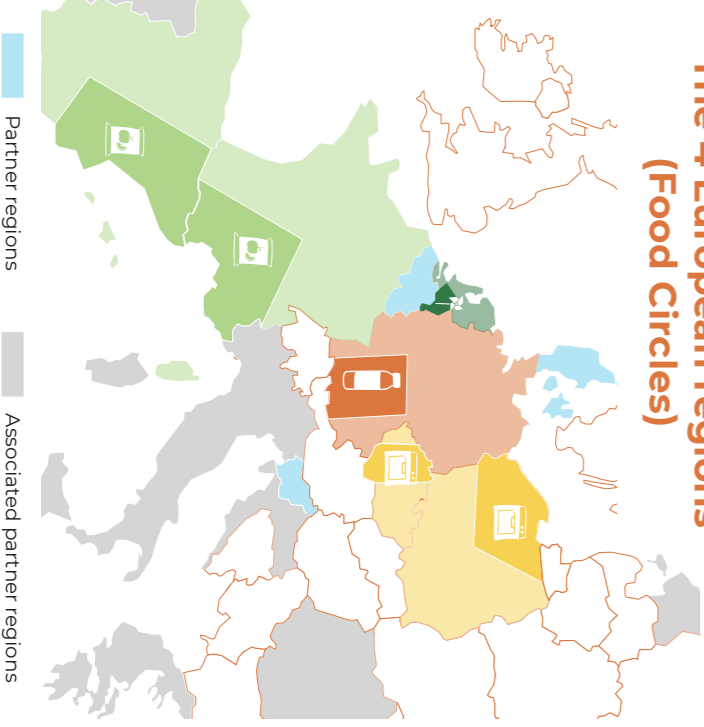
The project aims to

- transform large-scale food production technologies to a mobile container unit
- deliver high-quality fruit and vegetable products: juice, dried snacks, plant-based proteins, etc.
- provide packaging solutions & enlarge shelf life
- create business opportunities for regional hubs
- engage European consumers with locally grown & produced foods



The project stimulates **short food supply chains** for fruit and vegetables by **applying innovative mild processing technologies**.
A mobile container unit, available for farmers, provides all sorts of fruit and vegetables products **in the neighbourhood**.

The 4 European regions (Food Circles)



Food Circle 3 Quality analysis and sustainable packaging

Valencia, SP & Provence Alpes Côte d'Azur, FR

Cucumber, apricots, (water)melons, nuts

Compostable bags and thermoformed trays



Food Circle 4 Upscaling plant side streams

Noord-Brabant, NL

Green peas and carrot pomace

Mild processing technologies: high pressure, PEF, supercritical CO₂, mild thermal technologies



Food Circle 1 Low oxygen juice extraction and mild preservation

Bodensee, DE

Apples

Spiral filter press and pulsed electric field (PEF)



Food Circle 2 Low temperature drying

Kuyavian-Pomeranian Voivodeship, PL & Central Bohemian CZ

Apples, strawberries, carrots, mushrooms

Non-thermal pre-treatment methods (PEF, US, and HHP)

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